


5 The interdisciplinary study of coordination

Thomas W. Malone, Kevin Crowston

March 1994

Computing Surveys (CSUR), Volume 26 Issue 1

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This survey characterizes an emerging research area, sometimes called coordination theory, that focuses on the interdisciplinary study of coordination. Research in this area uses and extends ideas about coordination from disciplines ...

Keywords: computer-supported cooperative work, coordination, coordination science, coordination theory, groupware

6 Proceedings of the 1997 ACM/IEEE conference on Supercomputing (CDROM)

November 1997 **Supercomputing '97: Proceedings of the 1997 ACM/IEEE conference on Supercomputing (CDROM)**

Publisher: ACM

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7 Power minimization in IC design: principles and applications

Massoud Pedram

January 1996 **Transactions on Design Automation of Electronic Systems (TODAES)**, Volume 1 Issue 1

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Low power has emerged as a principal theme in today's electronics industry. The need for low power has caused a major paradigm shift in which power dissipation is as important as performance and area. This article presents an in-depth survey of CAD methodologies ...


Keywords: CMOS circuits, adiabatic circuits, computer-aided design of VLSI, dynamic power dissipation, energy-delay product, gated clocks, layout, low power layout, low power synthesis, lower-power design, power analysis and estimation, power management, power minimization and management, probabilistic analysis, silicon-on-insulator technology, statistical sampling, switched capacitance, switching activity, symbolic simulation, synthesis, system design

8 Integrated document caching and prefetching in storage hierarchies based on Markov-chain predictions

Achim Krauss, Gerhard Weikum

August 1998 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 7 Issue 3

Publisher: Springer-Verlag New York, Inc.

Full text available  [pdf](#) (603.01 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

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Large multimedia document archives may hold a major fraction of their data in tertiary storage libraries for cost reasons. This paper develops an integrated approach to the vertical data migration between the tertiary, secondary, and primary storage ...

Keywords: Caching, Markov chains, Performance, Prefetching, Scheduling, Stochastic modeling, Tertiary storage

14 **Choosing the best storage system for video service**

 Ann L. Chervenak, David A. Patterson, Randy H. Katz

January **MULTIMEDIA '95: Proceedings of the third ACM international conference on Multimedia** 1995

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 Flaviu Cristian, Bob Dancy, Jon Dehn

August 1996 **Transactions on Computer Systems (TOCS)**, Volume 14 Issue 3

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Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 143, Downloads (Overall): 1163, Citation Count: 5

The distributed real-time system services developed by Lockheed Martin's Air Traffic Management group serve the infrastructure for a number of air traffic control systems. Either completed development or under development are the US Federal Aviation ...

Keywords: exception handling, failure, failure classification, failure masking, failure semantics, fault-tolerant systems, group communications, redundancy, server group, software robustness, system architecture

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